

IN THE CLAIMS:

Please cancel Claims 1, 2, 3 and 6 and please add the following new claims:

July
--7. A device for conveying work station wagons through a plurality of working steps comprising:

- C1*
- a) an oval track around which said work station wagons travel, said oval track comprising i) a first guide strip forming a continuous first oval, ii) a second guide strip spaced apart from said first guide strip and forming a second, larger oval, thereby forming a guide channel which is formed between said two guide strips, iii) a drive chain travelling inside said guide channel, and iv) said second guide strip having at least two gaps in its circumference,
 - b) an insertion guide track located outside said second guide strip, with a portion of said insertion guide track being parallel to a portion of said second guide strip,
 - c) a removal guide track located outside said second guide strip, with a portion of said removal guide track being parallel to a portion of said second guide strip,
 - d) each of said work station wagons having i) at least one detachable connection element provided on one side of said work station wagon, said detachable connection element detachably connecting said work station wagon to said drive chain and ii) at least one connecting element provided on the side of said work station wagon opposite from said detachable connection element, said connecting element connecting said work station wagon to said removal guide track,
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with said device operating as follows:

24 1) said work station wagons are moved along said insertion guide track to a location where said detachable connection elements pass through one of said gaps and engage said drive chain,

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with
2) said work station wagons are conveyed around said oval track, and

3) once said work station wagons reach another one of said gaps, said detachable connection element is disengaged from said drive chain and said workstation wagons are connected via said connecting elements to said removal guide track.

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8. The device of Claim 7, wherein each of said work station wagons is provided with a spacer that i) defines the minimum distance between said work station wagons when said work station wagons are engaged with said drive chain and ii) contacts the preceding work station wagon engaged with said drive chain.

~~9. The device of Claim 8, wherein each work station wagon is pushed along said insertion guide track and is pushed along said removal guide track by the following work station wagon. - -~~